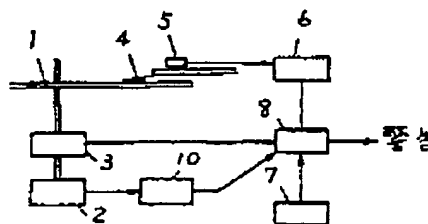


Patent Abstracts of Japan

TITLE : MAGNETIC DISK DEVICE



CONSTITUTION: The informations of the number of rotations of a medium 1 of the floating start and stop times of a read write head 4, the maximum output value of a sensor 5 and the rotation number at that time, etc., are recorded at any time on each contact start stop (CSS) by monitoring the behavior of the head 4 in response to the rotation and stoppage of the medium 1 of the CSS time with its synchronizing with the rotation number of the medium 1 by the sensor 5 of piezo-electricity, etc., mounted on the read write head 4 and the transition of the respective variation rates from the initial value is monitored. At the head seek time and float stopping time, also, the transition of the averaged outputs is monitored, a slice level is set by the respective items and at the time when the variation rate exceeds the slice level an alarm is generated. Consequently prior to the medium being damaged and the recorded information being destroyed the symptom thereof is grasped and the damage of the medium is prevented.

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